

Mohawk Valley Community College Liberal Arts & Sciences: Mathematics & Science - Biology					SUNY Polytechnic Institute Biology				
Course #	Course Title	SUNY Gen Ed		Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed		Credits Accepted
CF 100	College Foundation Seminar			1	FYS 101	First Year Seminar			1
BI141	General Biology 1	X		4	BIO 103T + BIO 103L	Biology I Lecture + Biology I Laboratory	X		4
MA150	Pre-Calculus	X		4	MAT 120	Precalculus	X		4
CH141	General Chemistry 1	X		4	CHE 130T + CHE 130L	Introductory Chemistry I Lecture and Laboratory	X		4
	Physical Education			.5	REC 000	Recreation Elective			.5
EN 101	Composition	X		3	ENG 101	English Composition	X		3
EN102	English 2: Ideas & Values in Literature	X		3	ENG 110	Intro to Literature	X		3
BI142	General Biology 2	X		4	BIO 104T + BIO 104L	Biology II Lecture and Biology II Laboratory	X		4
MA151	Calculus 1	X		4	MAT 150	Calculus I	X		4
CH142	General Chemistry 2	X		4	CHE 131T + CHE 131L	Introductory Chemistry II Lecture and Laboratory	X		4
	Physical Education			.5	REC 000	Recreation Elective			.5
CH247	Organic Chemistry 1	X		5	CHE 230T + CHE 230L	Organic Chemistry I Lecture and Laboratory	X		5
MA152	Calculus 2	X		4	MAT 152/ STA 100	Calculus II/ Statistics	X		4
HI101	History of Civilization	X		3		OCV & WCV Gen Ed	X		3
	Social Science Elective (see 'C' below)	X		3		Social Science Elective	X		3
	Physical Education			.5	REC 000	Recreation Elective			.5
Spring Year Two					Spring Year Two				
CH248	Organic Chemistry 2	X		5	CHE 231T + CHE 231L	Organic Chemistry II Lecture and Laboratory	X		5
	Natural Science Elective (see 'A' below)	X		4		Natural Science Elective	X		4
	History Elective (see 'B' below)	X		3		History Elective	X		3
	Social Science Elective (see 'C' below)	X		3		Social Science Elective	X		3
	Physical Education			.5		Physical Education			.5
					BIO 270	Cell Biology			4
					CHE 430T + CHE 430L	Biochemistry I Lecture and Laboratory			3,1
					PHY 101T + PHY 101L	Physics I Lecture and Laboratory			3,1
					COM 308	Analytical and Research Writing			4
					BIO 390	Junior Seminar			1
					BIO 351	Genetics			4
					STA 100	Statistics			4
					BIO 315	Plant/Animal Physiology			4
						Open elective			4
					BIO 300T + BIO 300L	Ecology Lecture and Laboratory			3,1
						Biology program required elective			4
					PHY 101T + PHY 101L	Physics I Lecture and Laboratory			3,1
					BIO 380	Evolution			4
					BIO 315	Plant/Animal Physiology			4
						Biology program required elective 300/400 level			4
						Open elective			4
					BIO 487	Senior Seminar			1
				Total Credits Eligible for Transfer	64				
						Total Transfer Credits Applied to Program			64
						Total Credits Required after Transfer			60
						Total Credits Required for Degree			124

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- A.) Natural Sciences (choose one): BI105, BI151, BI201, WE101
SUNY Poly recommends BI 201 if planning on pursuing health care professions
 - B.) History elective (choose one): HI102, HI111, HI112
 - C.) Social Science elective (choose one): AN101, BM101, PS101, PY101, or SO101